

**Flood Control Project Maintenance
Levee Inspections**

Fall 2007 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including Boat Survey Erosion

Sacramento River Basin

NA0003	Overall LMA Rating	Total LMA Miles				
Butte County Public Works	A	24.74				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.01		0.01	0.04%		
Trim / Thin Trees	0.07		0.07	0.28%		
Encroachments					2.10	0.31
Erosion / Bank Caving	0.10		0.10	0.40%		
Crown Surface / Depressions / Rutting	0.39		0.39	1.58%		
<i>LMA Totals:</i>	0.57	0.00	0.57	2.30%	2.10	0.31
Unit No. 01 Mud Creek	Overall Unit Rating	Total Unit Miles				
	A	7.29				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments					1.18	0.01
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	1.18	0.01
Unit No. 02 Mud Creek	Overall Unit Rating	Total Unit Miles				
	A	8.20				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments					0.62	
Erosion / Bank Caving	0.07		0.07	0.85%		
Crown Surface / Depressions / Rutting	0.39		0.39	4.76%		
<i>Unit Totals:</i>	0.46	0.00	0.46	5.61%	0.62	0.00
Unit No. 02A Channel Slough	Overall Unit Rating	Total Unit Miles				
	A	0.30				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00
Unit No. 03 Sycamore and Sheep Hollow Creeks	Overall Unit Rating	Total Unit Miles				
	A	4.16				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Erosion / Bank Caving	0.03		0.03	0.72%		
<i>Unit Totals:</i>	0.03	0.00	0.03	0.72%	0.00	0.00
Unit No. 04 Sycamore and Dry Creeks	Overall Unit Rating	Total Unit Miles				
	A	2.94				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Trim / Thin Trees	0.07		0.07	2.38%		
Encroachments					0.30	0.30
<i>Unit Totals:</i>	0.07	0.00	0.07	2.38%	0.30	0.30

**Flood Control Project Maintenance
Levee Inspections**

Fall 2007 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including Boat Survey Erosion

Sacramento River Basin (cont.)

Unit No. 05 Big Chico Diversion	Overall Unit Rating	Total Unit Miles				
	A	1.85				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.01		0.01	0.54%		
<i>Unit Totals:</i>	0.01	0.00	0.01	0.54%	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2007 Levee Inspection Results

Butte County Public Works

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2007 Levee Inspection Results

Butte County Public Works

Waterway		Bank	Unit Miles
Unit No. 01 Mud Creek		Right	7.29

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection				
DWR Inspector			Not Assigned	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2007

Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 Mud Creek	Right	7.29		Not Assigned

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	1.97	2.03	Earthen Levee	Encroachments	LS	PO	Landscaping	°	°		1
								°	°		
2	2.12	2.13	Earthen Levee	Encroachments	LS	CO	Fences	°	°		2
								°	°		
3	2.16	2.30	Earthen Levee	Encroachments	LS	PO	Fences	°	°		3
								°	°		
4	5.44	5.70	Earthen Levee	Encroachments	LS	PO	Fences	°	°		4
								°	°		
5	5.90	6.62	Earthen Levee	Encroachments	LS	PO	Fences	°	°		5
								°	°		

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2007 Levee Inspection Results

Butte County Public Works

Waterway		Bank	Unit Miles
Unit No. 02 Mud Creek		Left	8.20

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection				
DWR Inspector			Not Assigned	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2007

Butte County Public Works

Waterway							Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 02 Mud Creek							Left	8.20		Not Assigned	
LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	1.21	1.24	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	°	°		1
2	1.57	1.88	Earthen Levee	Encroachments	LS	PO	Fences	°	°		2
3	1.57	1.88	Earthen Levee	Encroachments	LS	PO	Landscaping	°	°		3
4	3.32	3.33	Earthen Levee	Animal Control	LS	A	Exterminate rodents and backfill and compact or grout burrows.	°	°		4
5	3.63	3.67	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	°	°		5
6	3.90	4.29	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	°	°		6
7	4.67	4.68	Earthen Levee	Animal Control	LS	A	Exterminate rodents and backfill and compact or grout burrows.	°	°		7
8	5.36	5.37	Earthen Levee	Animal Control	LS	A	Exterminate rodents and backfill and compact or grout burrows.	°	°		8

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2007 Levee Inspection Results

Butte County Public Works

Waterway			Bank	Unit Miles
Unit No. 02A Channel Slough			Left	0.30
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection				
DWR Inspector			Not Assigned	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2007****Butte County Public Works**

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02A Channel Slough	Left	0.30		Not Assigned

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1								°	°		
								°	°		

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected
--	--

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2007 Levee Inspection Results

Butte County Public Works

Waterway		Bank	Unit Miles
Unit No. 03 Sycamore and Sheep Hollow Creeks		Right	4.16

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection				
DWR Inspector			Not Assigned	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

Check one:

☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.

☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to : DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2007

Butte County Public Works

Waterway						Bank	Unit Miles	Inspection Date	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks						Right	4.16		Not Assigned

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.04	0.05	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	°	°		1
								°	°		
2	0.04	0.05	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	°	°		2
								°	°		
3	0.69	0.69	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	°	°		3
								°	°		

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2007 Levee Inspection Results

Butte County Public Works

Waterway			Bank	Unit Miles
Unit No. 04 Sycamore and Dry Creeks			Right	2.94
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection				
DWR Inspector			Not Assigned	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to : DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2007

Butte County Public Works

Waterway							Bank	Unit Miles	Inspection Date	Inspector	
Unit No. 04 Sycamore and Dry Creeks							Right	2.94		Not Assigned	
LMR Line	Levee Mile		Category	Item	* Location	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.06	0.10	Earthen Levee	Encroachments	LS	PO	Fences	°	°		1
								°	°		
2	0.09	0.16	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	°	°		2
								°	°		
3	0.10	0.12	Earthen Levee	Encroachments	LS	CO	Fences	°	°		3
								°	°		
4	0.12	0.16	Earthen Levee	Encroachments	LS	PO	Fences	°	°		4
								°	°		
5	0.98	1.04	Earthen Levee	Encroachments	LS	CO	Fences	°	°		5
								°	°		
6	1.04	1.15	Earthen Levee	Encroachments	LS	PO	Fences	°	°		6
								°	°		
7	1.15	1.25	Earthen Levee	Encroachments	LS	CO	Fences	°	°		7
								°	°		
8	1.92	2.01	Earthen Levee	Encroachments	LS	CO	Fences	°	°		8
								°	°		
9	2.05	2.16	Earthen Levee	Encroachments	LS	PO	Fences	°	°		9
								°	°		
10	2.41	2.44	Earthen Levee	Encroachments	LS	CO	Fences	°	°		10
								°	°		

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2007 Levee Inspection Results

Butte County Public Works

Waterway			Bank	Unit Miles
Unit No. 05 Big Chico Diversion			Left	1.85
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection				
DWR Inspector			Not Assigned	
Accompanied By				
Unit Maintenance Rating (Fall Only)			A	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2007

Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85		Not Assigned

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.87	0.87	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	° °	° °		1

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected